

L Number	Hits	Search Text	DB	Time stamp
1	846	encapsulated and pesticide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 10:27
7	754	(encapsulated and pesticide) and (delivery or application)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 10:29
13	327	((encapsulated and pesticide) and (delivery or application)) and delivery	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 10:29
19	40	((encapsulated and pesticide) and (delivery or application)) and gun	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 10:29
33	1		USPAT	2003/02/20 11:36
34	1		USPAT	2003/02/20 11:36
35	1		USPAT	2003/02/20 11:42
36	1		USPAT	2003/02/20 11:42
37	1		USPAT	2003/02/20 11:43
38	1		USPAT	2003/02/20 11:43
39	1		USPAT	2003/02/20 11:43
40	1		USPAT	2003/02/20 11:43
41	1		USPAT	2003/02/20 11:44
42	1		USPAT	2003/02/20 11:44
43	1		USPAT	2003/02/20 11:45
44	1		USPAT	2003/02/20 11:46
45	1		USPAT	2003/02/20 11:47
46	1		USPAT	2003/02/20 11:47
47	1		USPAT	2003/02/20 11:48
48	1		USPAT	2003/02/20 11:50
49	1		USPAT	2003/02/20 11:50
50	1		USPAT	2003/02/20 11:51
51	1		USPAT	2003/02/20 11:53
52	1		USPAT	2003/02/20 11:53
53	1		USPAT	2003/02/20 11:54
54	1		USPAT	2003/02/20 11:54
55	1		USPAT	2003/02/20 11:54
56	1		USPAT	2003/02/20 11:55
57	1		USPAT	2003/02/20 11:56
58	1		USPAT	2003/02/20 11:56
59	1		USPAT	2003/02/20 11:56
60	1		USPAT	2003/02/20 11:57
61	1		USPAT	2003/02/20 11:57
62	1		USPAT	2003/02/20 11:58
63	1		USPAT	2003/02/20 11:59
64	1		USPAT	2003/02/20 12:00
65	1		USPAT	2003/02/20 12:00
66	1		USPAT	2003/02/20 12:00
67	1		USPAT	2003/02/20 12:01
68	3	((("5695807") or ("5518757") or ("5403863"))).PN.	USPAT; US-PGPUB	2003/02/20 12:16
71	1		USPAT	2003/02/20 12:03
72	1		USPAT	2003/02/20 12:03
73	1		USPAT	2003/02/20 12:04
74	1		USPAT	2003/02/20 12:04
75	1		USPAT	2003/02/20 12:05
76	1		USPAT	2003/02/20 12:05
77	1		USPAT	2003/02/20 12:06
78	1		USPAT	2003/02/20 12:06
79	1		USPAT	2003/02/20 12:06
80	1		USPAT	2003/02/20 12:07
81	1		USPAT	2003/02/20 12:07
82	1		USPAT	2003/02/20 12:08
83	1		USPAT	2003/02/20 12:08

84	1		USPAT	2003/02/20 12:09
85	1		USPAT	2003/02/20 12:09
86	1		USPAT	2003/02/20 12:10
87	1		USPAT	2003/02/20 12:10
88	1		USPAT	2003/02/20 12:11
89	1		USPAT	2003/02/20 12:11
90	1		USPAT	2003/02/20 12:11
91	462	pesticide and gun	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 12:18
97	89	(pesticide and gun) and (paint ball)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 12:18
103	5	(pesticide and gun) and (paint adj ball)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 12:22
109	385	paint adj ball	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 12:24
115	7	(paint adj ball) and pesticide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 13:34
121	0	6306913.uref.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/20 13:35

DERWENT-ACC-NO: 2002-636548
DERWENT-WEEK: 200268
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TITLE: Chemical agent delivery system for spraying
pesticides on farm, has
pneumatic gun that fires spherical shaped flexible vessel
at target, so as to
deliver pesticide to target

INVENTOR: ROBINSON, R; TWEEN, G

PATENT-ASSIGNEE: INT FLY MASTERS INC[ITFLN]

PRIORITY-DATA: 2001US-262417P (January 19, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
WO 200260251	August 8, 2002	E
019	A01N 000/00	
A2		

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ D
E DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL
TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AT BE CH CY DE
DK EA ES FI FR GB GH G
M GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG
ZM ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
WO	N/A	2002WO-US01472
January 22, 2002		
200260251A2		

INT-CL (IPC): A01N000/00

ABSTRACTED-PUB-NO: WO 200260251A

BASIC-ABSTRACT: NOVELTY - A pesticide and an attractant are stored in a spherical shaped flexible vessel. A pneumatic gun fires the vessel at a target, so as to deliver the pesticide to the target.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Pneumatic, encapsulated chemical agent delivery device; and

(2) Chemical agent delivery method.

USE - For use by fruits and vegetable farmers, veterinarian, rancher, pest control experts in spraying pesticides on a farm, delivering medicine water, vitamins, insect repellents, etc., to trees in forest, individual pests, collection of pests and animals in zoo or game preserves. For application such as pneumatic delivery of chemical agent from vehicles e.g. jeep, boat or airplane.

ADVANTAGE - The accuracy of the delivery is increased by using a pneumatic gun. Obviates the need to position fixed bait stations in the path of the pest. Provides significance time saving by delivering a chemical agent at or near the location of a pest. Enables remote application of topical medicines and insect repellent on domestic, wild and feral captive species such as animals in zoos or game preserves.

DESCRIPTION OF DRAWING(S) - The figure shows a side elevational view of pneumatic gun and gelatin capsule magazine.

CHOSEN-DRAWING: Dwg.3/3

TITLE-TERMS:

CHEMICAL AGENT DELIVER SYSTEM SPRAY PEST FARM PNEUMATIC GUN

FIRE SPHERE SHAPE
FLEXIBLE VESSEL TARGET SO DELIVER PEST TARGET

DERWENT-CLASS: C07

CPI-CODES: C03-L; C04-N02; C11-C03; C14-B01;

CHEMICAL-CODES:

Chemical Indexing M6 *01*

Fragmentation Code

M905 P002 P340 P350 P361 R031 R052 R523 R740 R760

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-179582